

IT Development Brokerage Service

The brokerage service provides access to external specialist consultants for database design; SQL server administration and usage; and application development.

Features

- ✓ Access to specialist consultants in three areas:
 1. Database Design
 2. SQL Server administration and usage
 3. Application development
- ✓ Ready-procured external consultancy expertise through a framework
- ✓ Assisted contract management
- ✓ Pre-defined service levels
- ✓ Ability to host assets on University servers, or, where appropriate, through external providers.

The service is available to staff at Newcastle University leading projects and running services requiring managed assets such as websites, databases and applications.

Costs

1. Initial scoping and IT Service consultation: no cost
2. Consultants delivery: Between £400 and £525 (excl VAT) per day dependant on the supplier used and the specialism required.
3. Other Costs: Dependent on the work being requested these could include, for example, external domain hosting, software licences, content licensing, etc.

The Suppliers

- The Framework has 4 approved Suppliers approved as follows:
- Accenture – Contacts: john.swanston@accenture.com
col.campbell@accenture.com
mark.n.jennings@accenture.com
- BoxModel – Contact Information - alan@boxmodeldigital.com
- Data Architects – Contact Information - paul@dataarchitects.co.uk
- SCTS - Contact Information – Stephen.Connolly@stcs.co.uk

Further Advice and Information

1. Contact the IT Service Desk on 85999 or it.servicedesk@ncl.ac.uk to request a consultation.





Data Architects provides IT consultancy, support, and systems development services, specialising in bespoke database design and web application development. Our staff have been delivering databases and web applications to the University and elsewhere for more than 20 years – we formed the company in 2007. All our developers are graduates, two with research experience.

We have well established development processes ensuring that you receive a system that performs in the way you asked and has the flexibility you need over the longer term. We are ISO27001 (Information Security) certified.

- We can quickly and fully understand user requirements, so that we deliver a system that meets your exact needs
- We accurately judge the amount of development effort necessary to implement requirements, so that we deliver on time and to specification
- We work fast and efficiently, so that you pay for fewer development days for the same functionality
- We are excellent communicators and have training and teaching experience at all levels

Services

- Web Application development (ASP.NET, C#, Ruby, JavaScript, MS SQL, HTML5, CSS3)
- Mobile Apps (Android, iOS, Hybrid Xamarin Apps)
- Customer Relations Management and Work/Activity tracking systems
- Research databases
- Administration systems
- Data management
- IT consultancy

Examples of our Newcastle University systems

Research Design Service North East: A project management system for medical research funding applications within the region. Specialist support advisers are matched to projects and their interactions with clients are logged. Outcomes are recorded and detailed reporting provided. The system includes email integration and document management.

Newcastle Clinical Trials Unit Randomisation Service: A system for clinical trials allowing randomisation and blinded dispensing of medication. This is in use in hospitals world-wide that are participating in NCTU trials. The system also includes stock management and logistics and allows emergency unblinding.

Registration for In-Sessional English: Manages INTO's Insessional courses and allows international students to search for, select, and enroll on language courses via their phones and tablets. Detailed reporting is provided for INTO management including teacher utilisation. The system is fully integrated with Campus Management and Syllabus Plus and the timetable within the University mobile app.

Contact Details

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Strategic & Consultancy

- Architecture and Technical Planning
- Agile & PRINCE2 Planning and Management
- Full Strategic Planning
 - Engagement
 - Workshop
 - Evaluation and Actualisation
- Stakeholder Engagement & Management
- User Requirements Gathering
- Problem Solving
- Business Solutions Review
- Research & Development
 - Feasibility
 - Concept/Prototyping
- Subject expertise across:
 - NHS
 - Healthcare
 - Informatics
 - Education

Creative & Digital Design Capabilities

- Concept / Brand Creation
- Responsive Web Design
- Cross Platform Native App Design
- User Interface (UI) Design
- User Experience (UX) Design
 - User Stories
 - User Personas
 - User Journey Mapping
 - Wireframing
- Interactive Graphics / Presentations
- Bespoke Animations / Illustrations

Front-End Development

- X/HTML5 / Web Applications
- CSS3
- JavaScript Applications
- Dynamic Responsive Design
- Cross Browser, Cross Platform, Cross Device

Server Side / Software Development .net & Java Specialists

- Website Development
 - From simple websites to complex web platforms and API integration
- Bespoke Software Development:
 - Web
 - Desktop (Windows)
 - Mobile Applications (iOS / Android)
- Content Management Systems (CMS):
 - WordPress
 - Drupal
 - Umbraco
 - Others, just ask
- Online Learning Aids and Continuing Professional Development
- Systems Integration
- E-Learning Development
 - Bespoke Development
 - Moodle
- Database Development
 - MSSQL
 - MySQL
 - MS Access
 - Oracle
 - Others, just ask
- Technical Frameworks
 - .Net
 - Java
 - PHP
 - Business Intelligent Systems (BI)
 - MS SharePoint
 - MS Dynamics
 - Others, just ask

Closing note

"Boxmodel have been working with Newcastle University for over **5 years**. The majority of this time has been supporting all facets of the University through the Brokerage Service. With us now being awarded a further 2 years, with the possibility of a 3rd and 4th, our **relationship and commitment** to the University is set to grow even further. As your dedicated software partners, we are here to support any of your requirements, no matter how big or how small. Our responsibility is to ensure we use our decades of knowledge and expertise to support **your every need**."

Alan Easton – Managing Director

INNOVATIVE SOFTWARE DEVELOPMENT & SUPPORT

STCS are software and digital specialists who build and support user-centric and enterprise strength software. Our experience ranges from websites and mobile apps to large integrated systems.

We work flexibly with our clients providing the precise package of services that they require. With some clients that is a full life-cycle service including discovery, elaboration, design, build and implementation. We work collaboratively, providing specialist resources to augment in-house teams and assist in delivering projects.

We have an impressive record of long-term support and enhancement of software portfolios. We maximise return on investment for clients in the public and educational sectors.

CREDENTIALS

Application Services

- Enterprise software e.g.
 - Project Control Systems
 - Investment Recovery Systems
 - Data Warehouse
 - Decisions and Meetings system
 - Tracking Systems
 - Case Management Systems
 - Booking Systems
- Websites
- Web applications
- Content Management Systems
- e-Commerce Systems
- Mobile apps for iOS or Android

Applicable skills for this framework:

- Microsoft SQL & MYSQL databases
- Database design & query optimisation
- System interfaces and data migration
- Front-end design with UX experts
- HTML, CSS, Javascript, JQuery, Angular JS, Web API
- C#, ASP.NET (1.1 to 4.6), MVC up to v 5

Other company skills

Business Analysis, System Design, Graphic Design, UX Design, Prototyping, PHP, Zend, WordPress, Java

APPROACH

Our software professionals always endeavour to build a deep understanding of the system and user requirements leading to intuitive software and maximum stakeholder satisfaction. We do this by working closely with you, often in workshops, so that we all understand the requirements and you participate in achieving a good user experience based upon best practice and strategic design.

We commonly develop software using an Agile approach but we can also follow Waterfall, Continuous or hybrid delivery model tailored to fit your need.

**SOFTWARE UNDERPINS
TECHNOLOGY & WE WRITE
THE SOFTWARE**